

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/541,354
Source: IFCWP
Date Processed by STIC: 10/11/2006

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number:

10/541, 354

CRF Edit Date:

Edited by:

10/11/2006

DA

— Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

— Corrected the SEQ ID NO. Sequence numbers edited were:

— Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Deleted: invalid beginning/end-of-file text ; page numbers

— Inserted mandatory headings/numeric identifiers, specifically:

— Moved responses to same line as heading/numeric identifier, specifically:

— Other:



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/541,354

DATE: 10/11/2006
TIME: 14:25:36

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\10112006\J541354.raw

3 <110> APPLICANT: alcedo biotech GmbH
5 <120> TITLE OF INVENTION: Use of HMGB, HMGN, HMGA proteins
7 <130> FILE REFERENCE: A 10009 PCT
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/541,354
C--> 9 <141> CURRENT FILING DATE: 2005-07-05
9 <160> NUMBER OF SEQ ID NOS: 64
11 <170> SOFTWARE: PatentIn version 3.1
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 107
15 <212> TYPE: PRT
16 <213> ORGANISM: Homo sapiens
18 <400> SEQUENCE: 1
20 Met Ser Glu Ser Ser Ser Lys Ser Ser Gln Pro Leu Ala Ser Lys Gln
21 1 5 10 15
24 Glu Lys Asp Gly Thr Glu Lys Arg Gly Arg Gly Arg Pro Arg Lys Gln
25 20 25 30
28 Pro Pro Val Ser Pro Gly Thr Ala Leu Val Gly Ser Gln Lys Glu Pro
29 35 40 45
32 Ser Glu Val Pro Thr Pro Lys Arg Pro Arg Gly Arg Pro Lys Gly Ser
33 50 55 60
36 Lys Asn Lys Gly Ala Ala Lys Thr Arg Lys Thr Thr Thr Pro Gly
37 65 70 75 80
40 Arg Lys Pro Arg Gly Arg Pro Lys Lys Leu Glu Lys Glu Glu Glu
41 85 90 95
44 Gly Ile Ser Gln Glu Ser Ser Glu Glu Gln
45 100 105
48 <210> SEQ ID NO: 2
49 <211> LENGTH: 96
50 <212> TYPE: PRT
51 <213> ORGANISM: Homo sapiens
53 <400> SEQUENCE: 2
55 Met Ser Glu Ser Ser Ser Lys Ser Ser Gln Pro Leu Ala Ser Lys Gln
56 1 5 10 15
59 Glu Lys Asp Gly Thr Glu Lys Arg Gly Arg Gly Arg Pro Arg Lys Gln
60 20 25 30
63 Pro Pro Lys Glu Pro Ser Glu Val Pro Thr Pro Lys Arg Pro Arg Gly
64 35 40 45
67 Arg Pro Lys Gly Ser Lys Asn Lys Gly Ala Ala Lys Thr Arg Lys Thr
68 50 55 60
71 Thr Thr Thr Pro Gly Arg Lys Pro Arg Gly Arg Pro Lys Lys Leu Glu
72 65 70 75 80
75 Lys Glu Glu Glu Glu Gly Ile Ser Gln Glu Ser Ser Glu Glu Gln
76 85 90 95

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Input Set : A:\pto.da.txt
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79 <210> SEQ ID NO: 3
80 <211> LENGTH: 109
81 <212> TYPE: PRT
82 <213> ORGANISM: Homo sapiens
84 <400> SEQUENCE: 3
86 Met Ser Ala Arg Gly Glu Gly Ala Gly Gln Pro Ser Thr Ser Ala Gln
87 1 5 10 15
90 Gly Gln Pro Ala Ala Pro Ala Pro Gln Lys Arg Gly Arg Gly Arg Pro
91 20 25 30
94 Arg Lys Gln Gln Gln Glu Pro Thr Gly Glu Pro Ser Pro Lys Arg Pro
95 35 40 45
98 Arg Gly Arg Pro Lys Gly Ser Lys Asn Lys Ser Pro Ser Lys Ala Ala
99 50 55 60
102 Gln Lys Lys Ala Glu Ala Thr Gly Glu Lys Arg Pro Arg Gly Arg Pro
103 65 70 75 80
106 Arg Lys Trp Pro Gln Gln Val Val Gln Lys Lys Pro Ala Gln Glu Glu
107 85 90 95
110 Thr Glu Glu Thr Ser Ser Gln Glu Ser Ala Glu Glu Asp
111 100 105
114 <210> SEQ ID NO: 4
115 <211> LENGTH: 83
116 <212> TYPE: PRT
117 <213> ORGANISM: Homo sapiens
119 <400> SEQUENCE: 4
121 Met Ser Ala Arg Gly Glu Gly Ala Gly Gln Pro Ser Thr Ser Ala Gln
122 1 5 10 15
125 Gly Gln Pro Ala Ala Pro Ala Pro Gln Lys Arg Gly Arg Gly Arg Pro
126 20 25 30
129 Arg Lys Gln Gln Gln Glu Pro Thr Gly Glu Pro Ser Pro Lys Arg Pro
130 35 40 45
133 Arg Gly Arg Pro Lys Gly Ser Lys Asn Lys Ser Pro Ser Lys Ala Ala
134 50 55 60
137 Gln Lys Lys Ala Glu Ala Thr Gly Glu Lys Arg Pro Arg Gly Arg Pro
138 65 70 75 80
141 Arg Lys Trp
145 <210> SEQ ID NO: 5
146 <211> LENGTH: 90
147 <212> TYPE: PRT
148 <213> ORGANISM: Homo sapiens
150 <400> SEQUENCE: 5
152 Met Ser Ala Arg Gly Glu Gly Ala Gly Gln Pro Ser Thr Ser Ala Gln
153 1 5 10 15
156 Gly Gln Pro Ala Ala Pro Ala Pro Gln Lys Arg Gly Arg Gly Arg Pro
157 20 25 30
160 Arg Lys Gln Gln Gln Glu Pro Thr Gly Glu Pro Ser Pro Lys Arg Pro
161 35 40 45
164 Arg Gly Arg Pro Lys Gly Ser Lys Asn Lys Ser Pro Ser Lys Ala Ala
165 50 55 60
168 Gln Lys Lys Ala Glu Ala Thr Gly Glu Lys Arg Pro Arg Gly Arg Pro

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Input Set : A:\pto.da.txt
Output Set: N:\CRF4\10112006\J541354.raw

169	65	70	75	80
172	Arg Lys Trp Glu Glu Phe Tyr Ile Ala Ala			
173		85	90	
176	<210> SEQ ID NO: 6			
177	<211> LENGTH: 96			
178	<212> TYPE: PRT			
179	<213> ORGANISM: Homo sapiens			
181	<400> SEQUENCE: 6			
183	Met Ser Ala Arg Gly Glu Gly Ala Gly Gln Pro Ser Thr Ser Ala Gln			
184	1	5	10	15
187	Gly Gln Pro Ala Ala Pro Ala Pro Gln Lys Arg Gly Arg Gly Arg Pro			
188		20	25	30
191	Arg Lys Gln Gln Gln Glu Pro Thr Gly Glu Pro Ser Pro Lys Arg Pro			
192		35	40	45
195	Arg Gly Arg Pro Lys Gly Ser Lys Asn Lys Ser Pro Ser Lys Ala Ala			
196		50	55	60
199	Gln Lys Lys Ala Glu Ala Thr Gly Glu Lys Arg Pro Arg Gly Arg Pro			
200	65	70	75	80
203	Arg Lys Trp Pro Thr Ile Ala Leu Cys Thr His Trp Ile Asn Ile Cys			
204		85	90	95
207	<210> SEQ ID NO: 7			
208	<211> LENGTH: 215			
209	<212> TYPE: PRT			
210	<213> ORGANISM: Homo sapiens			
212	<400> SEQUENCE: 7			
214	Met Gly Lys Gly Asp Pro Lys Lys Pro Arg Gly Lys Met Ser Ser Tyr			
215	1	5	10	15
218	Ala Phe Phe Val Gln Thr Cys Arg Glu Glu His Lys Lys Lys His Pro			
219		20	25	30
222	Asp Ala Ser Val Asn Phe Ser Glu Phe Ser Lys Lys Cys Ser Glu Arg			
223		35	40	45
226	Trp Lys Thr Met Ser Ala Lys Glu Lys Gly Lys Phe Glu Asp Met Ala			
227		50	55	60
230	Lys Ala Asp Lys Ala Arg Tyr Glu Arg Glu Met Lys Thr Tyr Ile Pro			
231	65	70	75	80
234	Pro Lys Gly Glu Thr Lys Lys Phe Lys Asp Pro Asn Ala Pro Lys			
235		85	90	95
238	Arg Pro Pro Ser Ala Phe Phe Leu Phe Cys Ser Glu Tyr Arg Pro Lys			
239		100	105	110
242	Ile Lys Gly Glu His Pro Gly Leu Ser Ile Gly Asp Val Ala Lys Lys			
243		115	120	125
246	Leu Gly Glu Met Trp Asn Asn Thr Ala Ala Asp Asp Lys Gln Pro Tyr			
247		130	135	140
250	Glu Lys Lys Ala Ala Lys Leu Lys Glu Lys Tyr Glu Lys Asp Ile Ala			
251	145	150	155	160
254	Ala Tyr Arg Ala Lys Gly Lys Pro Asp Ala Ala Lys Lys Gly Val Val			
255		165	170	175
258	Lys Ala Glu Lys Ser Lys Lys Lys Glu Glu Glu Asp Glu Glu			
259		180	185	190

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Input Set : A:\pto.da.txt
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262 Asp Glu Glu Asp Glu Glu Glu Glu Asp Glu Glu Asp Glu Asp Glu
263 195 200 205
266 Glu Glu Asp Asp Asp Asp Glu
267 210 215
270 <210> SEQ ID NO: 8
271 <211> LENGTH: 147
272 <212> TYPE: PRT
273 <213> ORGANISM: Homo sapiens
275 <400> SEQUENCE: 8
277 Met Ser Ala Arg Gly Glu Gly Ala Gly Gln Pro Ser Thr Ser Ala Gln
278 1 5 10 15
281 Gly Gln Pro Ala Ala Pro Ala Pro Gln Lys Arg Gly Arg Gly Arg Pro
282 20 25 30
285 Arg Lys Gln Gln Gln Glu Pro Thr Gly Glu Pro Ser Pro Lys Arg Pro
286 35 40 45
289 Arg Gly Arg Pro Lys Gly Ser Lys Asn Lys Ser Pro Ser Lys Ala Ala
290 50 55 60
293 Gln Lys Lys Ala Glu Ala Thr Gly Glu Lys Arg Pro Arg Gly Arg Pro
294 65 70 75 80
297 Arg Lys Trp Ala Gly Val Gln Trp Tyr Asn Leu Gly Ser Leu Gln Pro
298 85 90 95
301 Pro Pro Pro Arg Phe Lys Gln Phe Ser Cys Leu Arg Leu Leu Ser Ser
302 100 105 110
305 Trp Asp Tyr Arg His Pro Pro Pro His Pro Ala Asn Phe Cys Ile Phe
306 115 120 125
309 Ser Arg Asp Arg Val Ser Pro Cys Trp Pro Gly Trp Ser Arg Thr Pro
310 130 135 140
313 Asp Leu Arg
314 145
317 <210> SEQ ID NO: 9
318 <211> LENGTH: 106
319 <212> TYPE: PRT
320 <213> ORGANISM: Homo sapiens
322 <400> SEQUENCE: 9
324 Met Ser Ala Arg Gly Glu Gly Ala Gly Gln Pro Ser Thr Ser Ala Gln
325 1 5 10 15
328 Gly Gln Pro Ala Ala Pro Ala Pro Gln Lys Arg Gly Arg Gly Arg Pro
329 20 25 30
332 Arg Lys Gln Gln Gln Glu Pro Thr Gly Glu Pro Ser Pro Lys Arg Pro
333 35 40 45
336 Arg Gly Arg Pro Lys Gly Ser Lys Asn Lys Ser Pro Ser Lys Ala Ala
337 50 55 60
340 Gln Lys Lys Ala Glu Ala Thr Gly Glu Lys Arg Pro Arg Gly Arg Pro
341 65 70 75 80
344 Arg Lys Trp Asp Asn Leu Leu Pro Arg Thr Ser Ser Lys Lys Thr
345 85 90 95
348 Ser Leu Gly Asn Ser Thr Lys Arg Ser His
349 100 105
352 <210> SEQ ID NO: 10

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/541,354

DATE: 10/11/2006
TIME: 14:25:36

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\10112006\J541354.raw

353 <211> LENGTH: 92
354 <212> TYPE: PRT
355 <213> ORGANISM: Homo sapiens
357 <400> SEQUENCE: 10
359 Met Ser Ala Arg Gly Glu Gly Ala Gly Gln Pro Ser Thr Ser Ala Gln
360 1 5 10 15
363 Gly Gln Pro Ala Ala Pro Ala Pro Gln Lys Arg Gly Arg Gly Arg Pro
364 20 25 30
367 Arg Lys Gln Gln Gln Glu Pro Thr Gly Glu Pro Ser Pro Lys Arg Pro
368 35 40 45
371 Arg Gly Arg Pro Lys Gly Ser Lys Asn Lys Ser Pro Ser Lys Ala Ala
372 50 55 60
375 Gln Lys Lys Ala Glu Ala Thr Gly Glu Lys Arg Pro Arg Gly Arg Pro
376 65 70 75 80
379 Arg Lys Trp Trp Leu Leu Met Lys Ser Pro Cys Trp
380 85 90
383 <210> SEQ ID NO: 11
384 <211> LENGTH: 96
385 <212> TYPE: PRT
386 <213> ORGANISM: Homo sapiens
388 <400> SEQUENCE: 11
390 Met Ser Ala Arg Gly Glu Gly Ala Gly Gln Pro Ser Thr Ser Ala Gln
391 1 5 10 15
394 Gly Gln Pro Ala Ala Pro Ala Pro Gln Lys Arg Gly Arg Gly Arg Pro
395 20 25 30
398 Arg Lys Gln Gln Gln Glu Pro Thr Gly Glu Pro Ser Pro Lys Arg Pro
399 35 40 45
402 Arg Gly Arg Pro Lys Gly Ser Lys Asn Lys Ser Pro Ser Lys Ala Ala
403 50 55 60
406 Gln Lys Lys Ala Glu Ala Thr Gly Glu Lys Arg Pro Arg Gly Arg Pro
407 65 70 75 80
410 Arg Lys Trp Pro Gln Gln Val Val Gln Lys Lys Pro Ala Gln Tyr Ser
411 85 90 95
414 <210> SEQ ID NO: 12
415 <211> LENGTH: 118
416 <212> TYPE: PRT
417 <213> ORGANISM: Homo sapiens
419 <400> SEQUENCE: 12
421 Met Ser Ala Arg Gly Glu Gly Ala Gly Gln Pro Ser Thr Ser Ala Gln
422 1 5 10 15
425 Gly Gln Pro Ala Ala Pro Ala Pro Gln Lys Arg Gly Arg Gly Arg Pro
426 20 25 30
429 Arg Lys Gln Gln Gln Glu Pro Thr Gly Glu Pro Ser Pro Lys Arg Pro
430 35 40 45
433 Arg Gly Arg Pro Lys Gly Ser Lys Asn Lys Ser Pro Ser Lys Ala Ala
434 50 55 60
437 Gln Lys Lys Ala Glu Ala Thr Gly Glu Lys Arg Pro Arg Gly Arg Pro
438 65 70 75 80
441 Arg Lys Trp Pro Gln Gln Val Val Gln Lys Lys Pro Ala Gln Val Asn

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/541,354

DATE: 10/11/2006

TIME: 14:25:37

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\10112006\J541354.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

**Raw Sequence Listing before editing,
for reference only**



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/541,354

DATE: 10/05/2006
TIME: 09:51:45

Input Set: A:\PCT_EP_04_00030_sequence_listing.txt
Output Set: N:\CRF4\10052006\J541354.raw

3 <110> APPLICANT: alcedo biotech GmbH
5 <120> TITLE OF INVENTION: Use of HMGB, HMGN, HMGA proteins
7 <130> FILE REFERENCE: A 10009 PCT
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/541,354
C--> 9 <141> CURRENT FILING DATE: 2005-07-05
9 <160> NUMBER OF SEQ ID NOS: 64
11 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

Does Not Comply
Corrected Diskette Needed

(P8-1)

1663 <210> SEQ ID NO: 64	60
1664 <211> LENGTH: 678	120
1665 <212> TYPE: DNA	180
1666 <213> ORGANISM: Homo sapiens	240
1668 <400> SEQUENCE: 64	300
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1671 gccccagcgc ctcagaagag aggacgcggc cgcggccagga agcagcagca agaaccaacc	420
1673 ggtgagccct ctcttaagag acccagggga agacccaaag gcagcaaaaa caagagtccc	480
1675 tctaaagcag ctcaaaagaa agcagaagcc actggagaaaa aacggccaag aggcagaccc	540
1677 aggaaatggaa atactctgga gcagtgcata gtgtgttcca agcccatcat ggagcggatt	600
1679 ctccgagcca ccggaaaggc ctatcatcct cactgtttca cctgcgtgat gtgccaccgc	660
1681 agcctggatg ggatcccatt cactgtggat gctggcgggc tcattcactg cattgaggac	720
1683 ttccacaaga aatttgcggcc gcgggtttct gtgtgcaagg agcctattat gccagcccc	780
1685 ggccaggagg agactgtccg tattgtggct ttggatcgag atttccatgt tcactgctac	840
1687 cgatgcgagg attgcgtgg tctcctgtct gaaggagata accaaggctg ctacccttg	900
1689 gatgggcaca tcctctgcaa gacctgcaac tctgcccga tcagggtt gaccgccaag	960
1691 gcgagcactg acctttag	1020

E--> 1697 2

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/541,354

DATE: 10/05/2006

TIME: 09:51:46

Input Set : A:\PCT_EP_04_00030_sequence listing.txt
Output Set: N:\CRF4\10052006\J541354.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1697 M:254 E: No. of Bases conflict, this line has no nucleotides.